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09/683,667	01/31/2002	Andrew Rodney Ferlitsch	SLA1038	1478

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KRIEGER INTELLECTUAL PROPERTY, INC.
P.O. BOX 1073
CAMAS, WA 98607

EXAMINER
EBRAHIMI DEHKORDY, SAEID

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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE _3_ MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on _01 July 1018_.

2a)☐ This action is **FINAL**.   2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) _1-23,26 and 27_ is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) _1-23 and 26-27_ is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All   b)☐ Some * c)☐ None of:

      1.☐ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____.

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)

2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3) ☐ Information Disclosure Statement(s) (PTO/SB/08)
    Paper No(s)/Mail Date _____.

4) ☐ Interview Summary (PTO-413)
    Paper No(s)/Mail Date. _____ .

5) ☐ Notice of Informal Patent Application

6) ☐ Other: _____.

Continued Examination Under 37 CFR 1.114

1.   A request for continued examination under 37 CFR 1.114, including the fee set forth in

37 CFR 1.17(e), was filed in this application after final rejection. Since this application is

eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e)

has been timely paid, the finality of the previous Office action has been withdrawn pursuant to

37 CFR 1.114. Applicant's submission filed on 10/8/07 has been entered.

Claim Rejections - 35 USC § 103

2.   The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all

obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in
> section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are
> such that the subject matter as a whole would have been obvious at the time the invention was made to a person
> having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the
> manner in which the invention was made.

3.   Claims 1-23 and 25-27 are rejected under 35 U.S.C. 103(a) as being unpatentable over

Lobiondo (U.S. patent 5,287,194) in view of Snipp (U.S. patent 5,699,495) and further in view

of Torii (Pub. No.: US 20060155825)

Regarding claim 1, 23 Lobiondo disclose: A method of printing from a computing device (note

column 2 lines 32-38), said method comprising: sending a print task to a local print system

component in a local network receiver (note Fig.1, the Ram included in the server, column 3

lines 37-40) acquiring with said local print system component (note Fig.1 item 50 the scheduler)

printer data for a plurality of second-network printers located in a remote network wherein said

plurality of remote printers are not directly accessible to said local print system component (note

modem 25 which divides the network to the second network, also note column 4 lines 35-46-50).

However Lobiondo does not disclose: said plurality of remote printers being in communication

with a remote print system component located in said remote network; sending said print task

from said local print system component to said remote print system component in said remote

network; and sending said print task, from said remote print system component in said remote

network, to at least one of said plurality of printers in communication with said remote print

system component for printing. On the other hand Snipp discloses: said plurality of second

network printers (note Fig.1&2, printers 14, on the print server side of the network, column 2

line 64 to column 5, line23) being in communication with a second network print system

component located in said remote network (note Fig.2 items 14 the printers are being in

communication with the key printer resources18, column 3 lines 10-21) sending said print task

from said local print system component to said second network print system component in said

seocnd network (note Fig.2, server side of the network, column 4 lines 17-28) and sending said

print task from said second network (print server side) print system component in said second

network (Fig.2, print server 16) to at least one of said plurality of printers in communication with

said seocnd print system component for printing (note, Fig.2 item 14 the printers on the second

network, the server side, column 4 lines 17-36) However Neither Lobiondo nor Snipp clearly

disclose: wherein said plurality of second-network printers are not detectable to computing

devices in said first network. On the other hand Torii discloses: wherein said plurality of second-

network printers are not detectable to computing devices in said first network (note Fig.1, page 1,

paragraph 0009, wherein the filed in the lan 110 would be printed on the lan 100 by the printers

109). Therefore it would have been obvious to a person of ordinary skill in art at the time of the

invention to modify Lobiondo's invention according to the teaching of Snipp, Where Snipp in

the same field of endeavor teaches the way remote status of the remote printers are determined in

order to send the job to those remote printers, and further the teaching of Torii in the same field

of endeavor teaches the way the data could be transmitted through the wan from one Lan to the

the other Lan through the Wan to be printed. This would enhance the network capability.

Regarding claim 2 Lobiondo discloses: The method of claim 1 wherein said local print system

component is a spooler (note column 3 lines 37-40

Regarding claim 3 Snipp discloses: The method of claim 1 wherein said local print system

component is a print processor (note Fig.1 item 34)

Regarding claim 4 Snipp discloses: The method of claim 1 wherein said remote print system

component is a spooler (note Fig.1 item 40)

Regarding claim 5 Snipp discloses: the method of claim 1, wherein said remote print system

component is a print processor (note Fig.1 item 34).

Regarding claim 6 Snipp discloses: The method of claim 1 further comprising reconfiguring

said print task according to said printing data related to said print task (note column 4 lines 30-

35).

Regarding claim 7 Snipp discloses: The method of claim 6 wherein said reconfiguring is

performed via said local print system component (please note column 4 lines 17-28).

Regarding claim 8 Snipp discloses: The method of claim 6 wherein said reconfiguring is

performed via said second network print system component (note Fig.2 the server side ,column

3 lines 10-21).

Regarding claim 9 Snipp discloses the method of claim 6 wherein said reconfiguring enables

said print task to be printed on at Least one remote device (note column 4 lines 1-14).

Regarding claim 10 Lobiondo disclose: The method of claim 6 wherein said reconfiguring

comprises reconfiguring said print task for cluster printing on said plurality of second network

printers (note, Fig.2 itme 14 the network printers).

Regarding claim 21 Snipp discloses: The method of claim 20 further comprising reconfiguring

said print task for said at least one suitable remote device (please note column 4 lines 29-35).

Regarding claim 11, 20 Lobiondo disclose: A method of remote printing, said method

comprising: sending a print task to a local print system component on a local network (note

Fig.1, the Ram included in the server, column 3 lines 37-40) determining characteristics of said

print task (note column 3 lines 41-45) sending said print task to a said second network (note

modem 25 which divides the network to the second network, also note column 4 lines 35-46-50)

print system component; and sending said print task from said second network (note modem 25

which divides the network to the second network, also note column 4 lines 35-46-50) print

system component to at least one of said plurality of second network (note modem 25 which

divides the network to the second network, also note column 4 lines 35-46-50) printing devices

for printing (note column 4 lines 35-65). However Lobiondo does not clearly disclose:

determining the availability of a plurality of second network printing devices located on a second

network wherein said second network printing devices are not directly accessible to said local

print system component said determining being performed via a second network print system

component in said remote network, wherein said remote print system component is in

communication with said local print system component; determining the capabilities of said

plurality of remote printing devices. On the other hand Snipp discloses: determining the

availability of a plurality of second network printing devices (note Fig.2 items 14 the printers on

the second network) located on a second network (the server side of Fig.2 the second network) wherein said second network printing devices are not directly accessible to said local print system component (note Fig.2 item 18 the key printer resources, which gets the printers 14 information, while note directly in contact with the local workstation 12) said determining being performed via a second netwrok print system component in said second network (note Fig.2 item 14 the printer on the second network, the server side that the item 18 of Fig.2 is located on the second network side of the network) wherein said second network (sever side of Fig.2) print system component (Fig.2 printers 14) is in communication with said local print system component (and where the print server side 16 and the key print resources are located on the second network side of the network) determining the capabilities of said plurality of second network printing devices (note Fig.2 item 18 the key printer resources, which gets the printers 14 information). However Neither Lobiondo nor Snipp clearly disclose: said second –network printing devices are not detectable by computing devices in said first network. On the other hand Torii discloses: wherein said plurality of second-network printers are not detectable to computing devices in said first network (note Fig.1, page 1, paragraph 0009, wherein the filed in the lan 110 would be printed on the lan 100 by the printers 109). Therefore it would have been obvious to a person of ordinary skill in art at the time of the invention to modify Lobiondo's invention according to the teaching of Snipp, Where Snipp in the same field of endeavor teaches the way remote status of the remote printers are determined in order to send the job to those remote printers, and further the teaching of Torii in the same field of endeavor teaches the way the data could be transmitted through the wan from one Lan to the the other Lan through the Wan to be printed. This would enhance the network capability.

Regarding claim 12 Lobiondo disclose: The method of claim 11 further comprising selecting, via said local print system component, said at least one of said plurality of second network printing devices (note, Fig.2 itme 14 the printers).

Regarding claim 13 Snipp discloses: The method of claim 11 further comprising reconfiguring said print task (note column 4 Iines 18-28 where the print spooler 40 is configured so that a different print processor could be plugged in).

Regarding claim 14 Snipp discloses: The method of claim 11 wherein said determining characteristics is accomplished via said Iocal print system component (note column 4 Iines 2-6).

Regarding claim 15 Snipp discloses: The method of claim 13 wherein said determining characteristics is accomplished via said second network print system component (note Fig.2 column 6 Iines 21-27).

Regarding claim 16 Lobiondo disclose: The method of claim 11 wherein said reconfiguring comprises job splitting among said plurality of second network devices (note column 4, lines 46-60).

Regarding claim 17 Lobiondo disclose: The method of claim 11 wherein said reconfiguring comprises copy splitting among said plurality of devices (note Fig.2 item 14 column 4 lines 46-64).

Regarding claim 18 Lobiondo disclose: The method of claim 11 wherein said reconfiguring comprises division of the print said print task into multiple print tasks for printing on a cluster of said second network printing devices (note Fig.2 item 14 column 4 lines 54-64).

Regarding claim 19 Lobiondo disclose: The method of claim 11 wherein said reconfiguring comprises changing the destination of a print task (note column 4 lines 55-60)

Regarding claim 22, 26 and 27 Lobiondo discloses: A system for remote printing, said system

Comprising: a local print task receiver (note Fig.1, the Ram included in the server, column 3

lines 37-40) for receiving a print task from a first network computing device on a local network

(note Fig.1, column 3 lines 37-40) a print task analyzer (note Fig.1 item 50 the scheduler) for

determining a print task requirement (note column 3 lines 41-45) a print task distributor (note

Fig.1 item 50 the scheduler) for distributing said print task to a second network (note modem 25

which divides the network to the second network, also note column 4 lines 35-46-50) print

system component On said second network (note column 4 lines 46-50, note modem 25 which

divides the network to the second network, also note column 4 lines 35-46-50). and a printer

selector (note Fig.1 item 50 where the scheduler is design to make the selection of the best

printer to do the printing, column 4 lines 46-54) for comparing printer data with said print task

requirement and for selecting at least one of said plurality of second network (note modem 25

which divides the network to the second network, also note column 4 lines 35-46-50) printers

based on said comparing (note again column 4 lines 46-55). However Lobiondo dose not clearly

disclose: a remote printer data acquirer for acquiring printer data for a plurality of second

network printers on a remote network that does not share printers with devices on said local

network. On the other hand Snipp discloses: a remote printer data acquirer for acquiring printer

data for a plurality of second network printers (note Fig.2 itme 14 the second network printers)

on a second network (Fig.2, the server side) that does not share printers with devices on said

local network (note Fig.1&2, item the key printer resources 18, column 3 lines 10-21 where the

key printer resource 18 would determine the capability of the printers 14 on the remote side).

However Neither Lobiondo nor Snipp clearly disclose: said second –network printing devices are

not detectable by computing devices in said first network. On the other hand Torii discloses:

wherein said plurality of second-network printers are not detectable to computing devices in said

first network (note Fig.1, page 1, paragraph 0009, wherein the filed in the lan 110 would be

printed on the lan 100 by the printers 109). Therefore it would have been obvious to a person of

ordinary skill in art at the time of the invention to modify Lobiondo's invention according to the

teaching of Snipp, Where Snipp in the same field of endeavor teaches the way remote status of

the remote printers are determined in order to send the job to those remote printers, and further

the teaching of Torii in the same field of endeavor teaches the way the data could be transmitted

through the wan from one Lan to the the other Lan through the Wan to be printed. This would

enhance the network capability.

Contact Information

➢ Any inquiry concerning this communication or earlier communications from the examiner

    should be directed to *Saeid Ebrahimi-Dehkordy* whose telephone number is (571) 272-7462.

The examiner can normally be reached on Monday through Friday from 8:00 a.m. to 5:30 p.m. If

attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor,

Kimberly Williams, can be reached at (571) 272-7471.

Any response to this action should be mailed to:

Assistant Commissioner for Patents
Washington, D.C. 20231

·Or faxed to:

(571) 273-8300, (for *formal* communications; please mark
"EXPEDITED PROCEDURE")

Or:

> (703) 306-5406 (for *informal* or *draft* communications, please label
> "PROPOSED" or "DRAFT")

Hand delivered responses should be brought to Knox building on 501 Dulany Street,
Alexandria, VA.

Any inquiry of a general nature or relating to the status of this application should be directed to
the Group Receptionist whose telephone number is (703) 305-4750.

Saeid Ebrahimi
Patent Examiner
Group Art Unit 2625
October 19, 2007